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equally well for computation purposes, for the construction of graphs, and for ordinary use.

Additional features of the book are lists of the most important mathematical formulas from algebra, geometry, trigonometry, analytics, and the calculus. These are followed by separate pages of carefully selected formulas from mechanics, surveying, strength of materials, mechanism, machine design, thermodynamics, electricity, and magnetism. The back part of the book contains a four-place table of logarithms, and short tables of natural logarithms, trigonometric functions, exponential functions, squares and square roots, cubes and cube roots, reciprocals, and hyperbolic functions. Finally, it contains eight sets of type curves.

Complete School Algebra. By H. E. HAWKES, W. A. LUBY, F. C. TOUTON. Boston: Ginn and Company. Pp. 507. $1.25.

The "Complete School Algebra," which includes between the covers of a single volume—with the necessary adaptation and abridgment—all the material of the authors' "First Course in Algebra" and "Second Course in Algebra," is designed for those schools which find a one-book course best suited to their needs.

The first twenty-three chapters contain the greater portion of the work usually taken up during the first year. Then follows the review material, each topic being given a broader and more advanced treatment than is permissible in first-year work. New matter is used throughout, and many new applications are given in order to make a fresh and inviting appeal to the student. In the remaining chapters those advanced topics considered necessary by the best secondary schools are included.

First Principles of Algebra. By H. E. SLAUGHT and N. J. LENNES. Boston: Allyn and Bacon. Pp. 280.

The authors in writing this book have kept two aims before them: (1) To provide a gradual and natural introduction to the symbols and processes of algebra. (2) To give vital purpose to the study of algebra by using it to do interesting and valuable things. The equation is introduced and developed early, and the principles are codified in a few short rules. It is an interesting and carefully written book.

First Year Algebra. By WEBSTER WELLS and WALTER W. HART. Boston: D. C. Heath and Company. Pp. 340. 90 cents.

This book shows some new blood has been infused into the older editions of Wells's book. It contains several excellent features and a student who had carefully completed it would have a good introduction to algebra.

Durell's School Algebra. By FLETCHER DURELL. New York: Charles E. Merill Co. Pp. 507. $1.10.

This is an attractive and interesting book. Its pages are well spaced and give an effect of simplicity to the text.